

Special Issue

Tools and Techniques for Improving Radiological Imaging Applications

Message from the Guest Editor

Medical imaging allows us to evaluate different pathologies for diagnostic and treatment purposes; consequently, it plays an important role in initiatives to improve public (or private) health. The use of X-ray images enables the detection, confirmation, and correct assessment and documentation of many diseases and pathologies, as well as the evaluation of responses to treatment. In practice, effective decisions depend on correct diagnoses. This Special Issue welcomes contributions concerning different computer science techniques (segmentation, graph theory, machine learning, etc.) applied to new or improved measurement and recording methods (e.g., automated spinal curvature estimation). The scope of this Special Issue also encompasses new methods to improve the quality of X-ray images as well as different applications aiming to enhance the existing tools and procedures in healthcare.

Guest Editor

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Deadline for manuscript submissions

30 September 2025



Journal of Imaging

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 6.7
Indexed in PubMed



mdpi.com/si/209022

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About the Journal

Message from the Editor-in-Chief

The imaging term, specific with journal, is to be considered in its broadest sense. Image processing, image understanding and computer vision are all terms related to imaging acquisition, its processing and the extraction of relevant information from the scene to obtain the underlying knowledge. All tasks related to the above items are oriented toward specific applications in a broad range of areas and topics. The *Journal of Imaging* is conceived as an efficient vehicle in the scientific community for the communication and transmission of the progress and research results in the topics covered.

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